

HSC4-14-70

Safety Light Curtains Category 4 (EN61496-1)



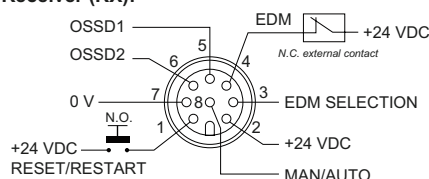
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-70

Connection

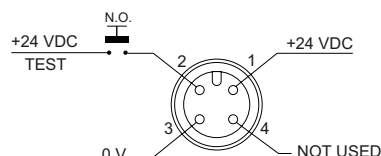
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



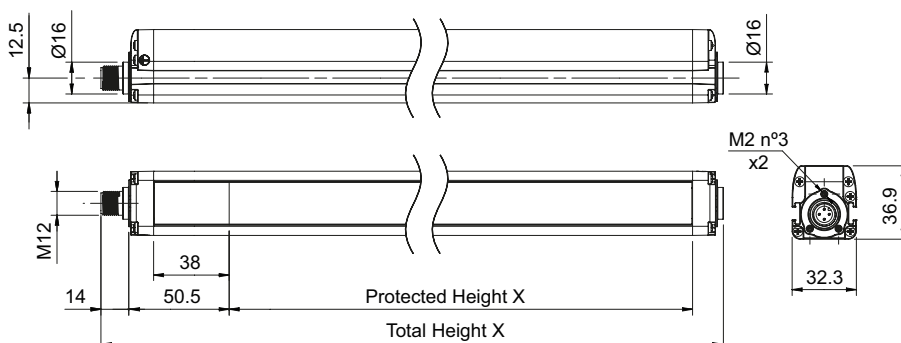
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1800 mm
Total Housing Height	1883.3 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	50 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com

HSC4-14-48

Safety Light Curtains Category 4 (EN61496-1)



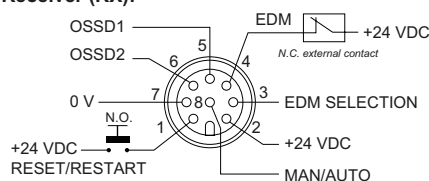
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-48

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

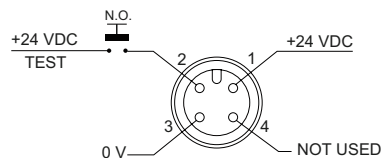
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



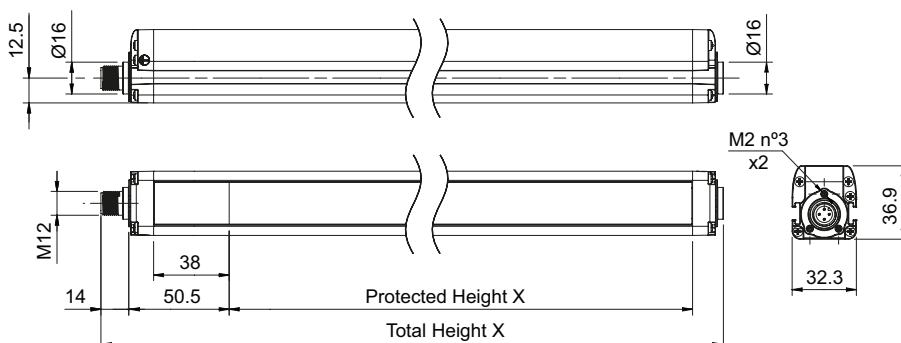
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1200 mm
Total Housing Height	1283.3 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	36 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com

HSC4-14-42

Safety Light Curtains Category 4 (EN61496-1)



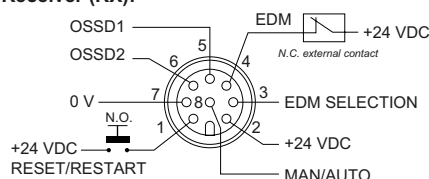
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-42

Connection

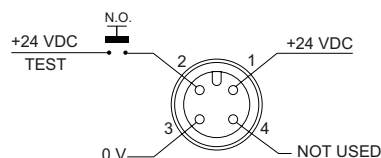
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



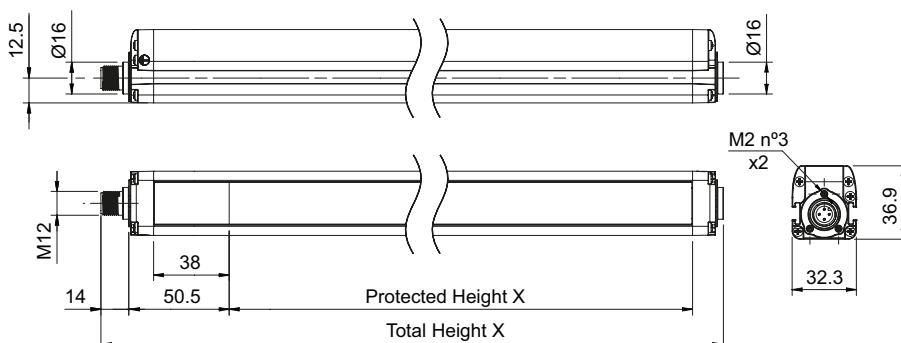
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1050 mm
Total Housing Height	1133.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	33 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com

HSC4-14-36

Safety Light Curtains Category 4 (EN61496-1)



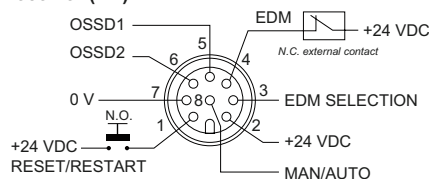
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-36

Connection

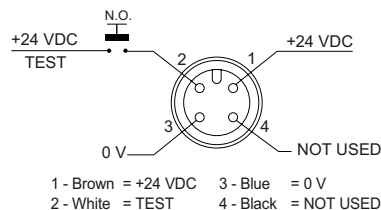
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



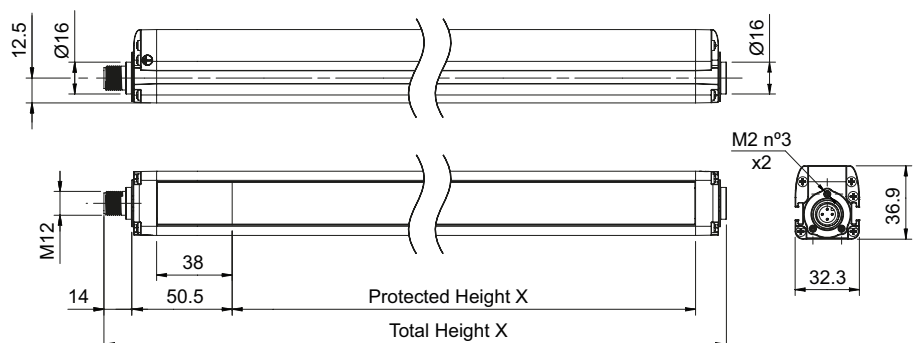
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	900 mm
Total Housing Height	983.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	29 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com

HSC4-14-30

Safety Light Curtains Category 4 (EN61496-1)



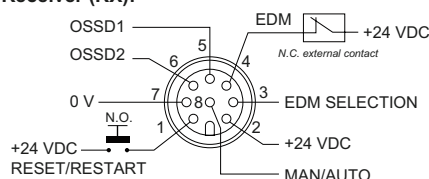
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-30

Connection

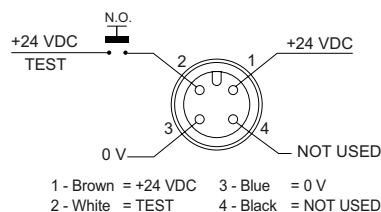
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



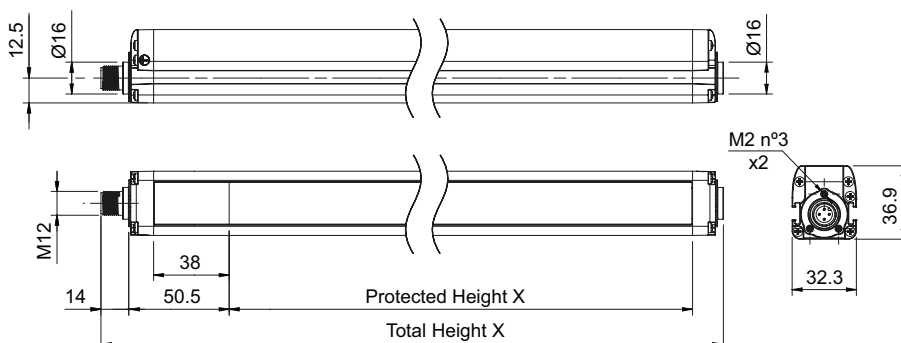
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	750 mm
Total Housing Height	833.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	25 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com



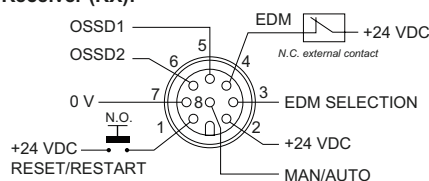
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-24

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
- 2 - Brown = +24 VDC 6 - Pink = OSSD2
- 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
- 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

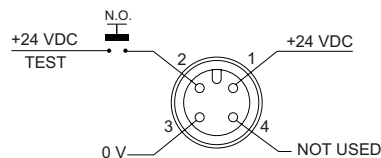
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
- 2 - White = TEST 4 - Black = NOT USED



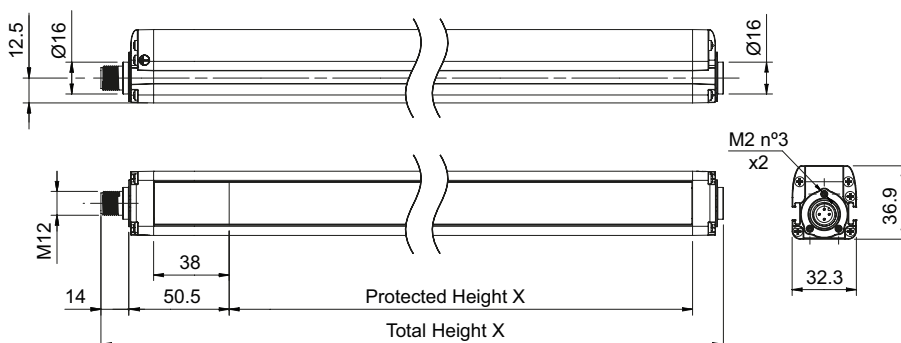
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	600 mm
Total Housing Height	683.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	22 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions





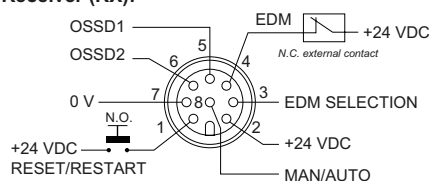
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-18

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
- 2 - Brown = +24 VDC 6 - Pink = OSSD2
- 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
- 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function

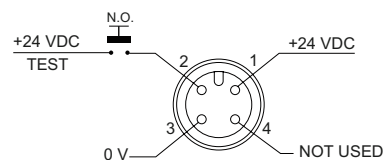
Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
- 2 - White = TEST 4 - Black = NOT USED



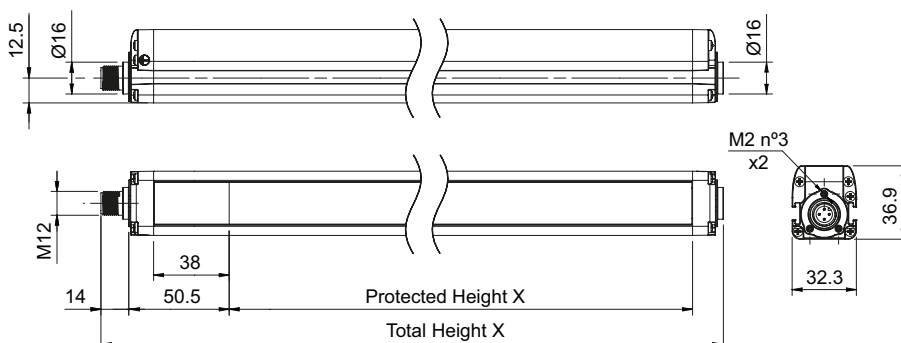
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	450 mm
Total Housing Height	533.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	18 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions





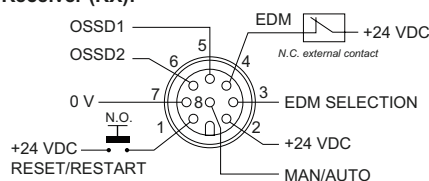
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-12

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
 2 - Brown = +24 VDC 6 - Pink = OSSD2
 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

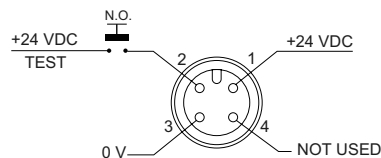
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
 For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
 2 - White = TEST 4 - Black = NOT USED



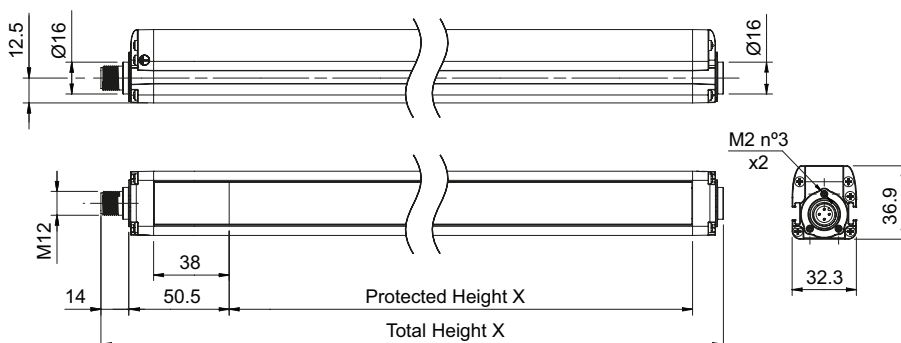
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	300 mm
Total Housing Height	383.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	15 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions





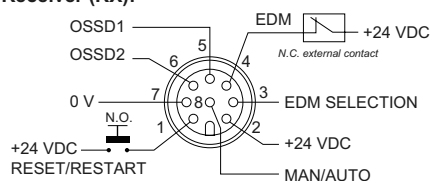
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-06

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
 2 - Brown = +24 VDC 6 - Pink = OSSD2
 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

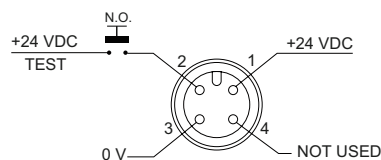
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
 For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
 2 - White = TEST 4 - Black = NOT USED



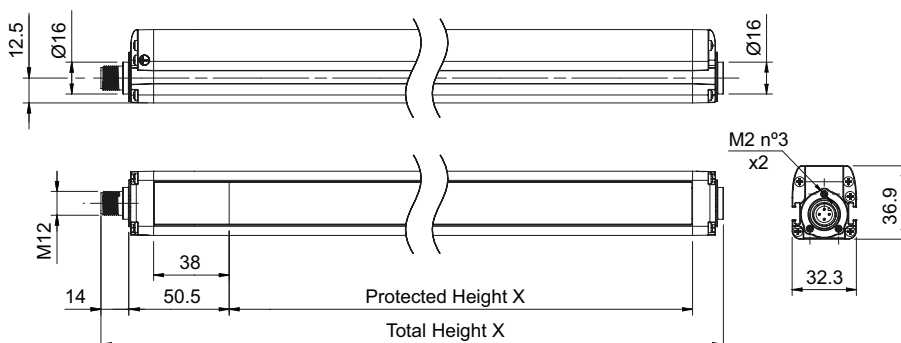
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	150 mm
Total Housing Height	233.3 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	11 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



HSC4-14-54

Safety Light Curtains Category 4 (EN61496-1)



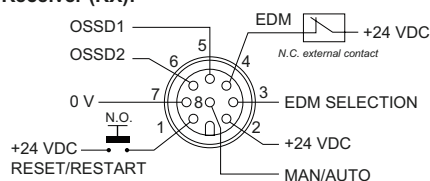
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-54

Connection

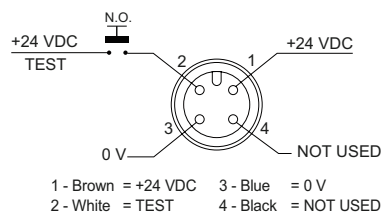
Receiver (RX):



- 1 - White = RESET/RESTART (*)
- 2 - Brown = +24 VDC
- 3 - Green = EDM SELECTION (1)
- 4 - Yellow = EDM
- 5 - Grey = OSSD1
- 6 - Pink = OSSD2
- 7 - Blue = 0 V
- 8 - Red = MAN/AUTO RESTART (2)

(*) Automatic RESTART → RESET Function
Manual RESTART → RESET / RESTART function
(1) To disable the EDM function, connect the EDM selection wire to +24 VDC
(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC
- 2 - White = TEST
- 3 - Blue = 0 V
- 4 - Black = NOT USED



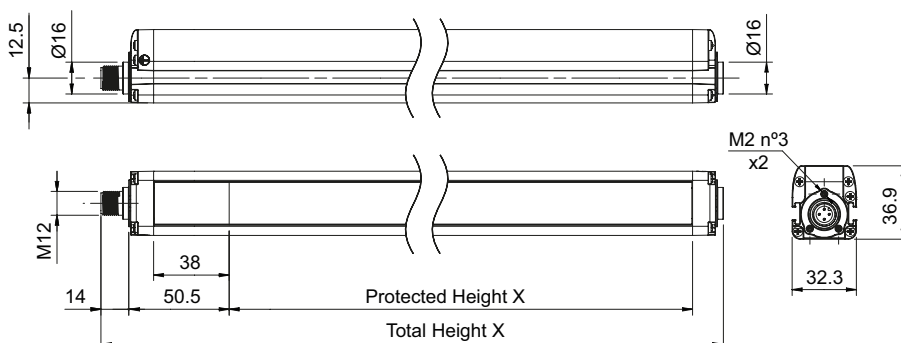
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1350 mm
Total Housing Height	1433.2 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	40 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions



In the USA: 1889 Maryland Ave., Niagara Falls, NY 14305
In Canada: 3419 Mainway, Burlington, ON L7M 1A9
Toll Free: 1-800-644-1756 • Fax: 888-283-2127
service@htmsensors.com

htmsensors.com



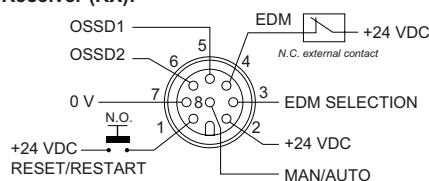
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-60

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
 2 - Brown = +24 VDC 6 - Pink = OSSD2
 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

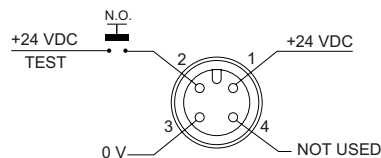
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
 For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
 2 - White = TEST 4 - Black = NOT USED



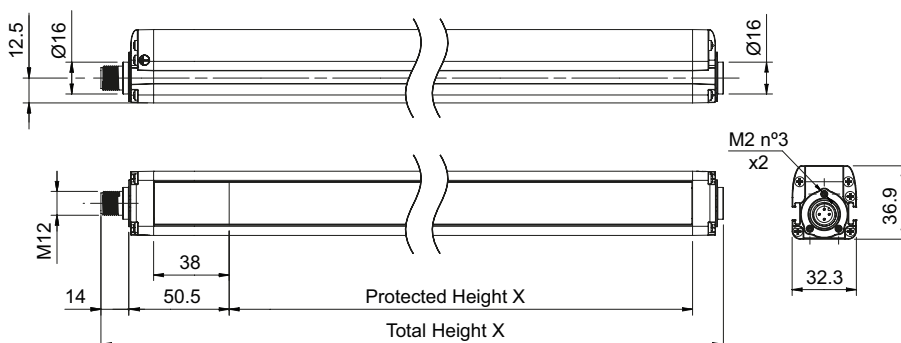
Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1500 mm
Total Housing Height	1583.3 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	43 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions





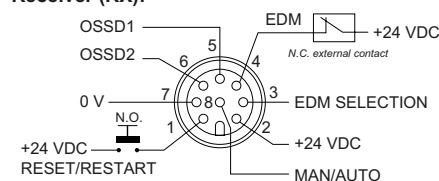
Note: The product images shown may change over time as products are updated.

Part Number

HSC4-14-65

Connection

Receiver (RX):



- 1 - White = RESET/RESTART (*) 5 - Grey = OSSD1
 2 - Brown = +24 VDC 6 - Pink = OSSD2
 3 - Green = EDM SELECTION (1) 7 - Blue = 0 V
 4 - Yellow = EDM 8 - Red = MAN/AUTO RESTART (2)

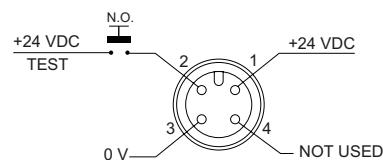
(*) Automatic RESTART → RESET Function

Manual RESTART → RESET / RESTART function

(1) To disable the EDM function, connect the EDM selection wire to +24 VDC

(2) For MANUAL RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.
 For AUTO RESTART, connect the MANUAL/AUTO selection wire to the OSSD1.

Emitter (TX):



- 1 - Brown = +24 VDC 3 - Blue = 0 V
 2 - White = TEST 4 - Black = NOT USED



Features

Safety Light Curtains are used for the safety protection of people. Special safety rated redundant circuits provide confidence to machine designers and machine operators that once the beam is broken, the machine will become safe. Category 4 safety light curtains are available with small beam pitches to detect a finger or a hand, or with larger beam pitches to detect a larger body part. HTM Sensors safety light curtains are very easy to install with mounting brackets that attach to the top and bottom caps, or that fit inside the c-channel on the sides and have great prices to keep machines safe and within budget.

Technical Data

Protection Type	Finger Protection
Resolution	14 mm
Protected Height	1650 mm
Total Housing Height	1733.3 mm
Operating Distance	0.2 m - 6 m
Power Supply	24 VDC
Outputs	2 PNP
Output Current	0.5 A max/output
Capacitive Load	2.2 uF @24 VDC max
Response Time	47 ms
Maximum Cable Length	50 m max
Operating Temperature	0 °C to +55 °C
Humidity	15-95% (no condensation)
Mechanical Protection	IP65 (EN 60529)
Test Input	On Emitter
Restart Function	Manual/Automatic Restart
External Device Monitoring (EDM)	On Receiver

Dimensions

